

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14 (cancelled).

Claim 15 (previously presented): Process which comprises: providing an aluminum alloy melt having a magnesium content of at least 2.5 wt.%; and reducing the susceptibility to dross-forming of said aluminum alloy melt by adding to said melt from 0.02 to 0.08 wt.% vanadium and from 25 to 50 ppm beryllium said aluminum alloy melt consisting essentially of 2.5 to 7 wt.% magnesium, max 2.5 wt.% silicon, max 1.6 wt.% manganese, max 0.2 wt.% titanium, max 0.3 wt.% iron, max 0.2 wt.% cobalt, and aluminum as the remainder.

Claim 16 (cancelled).

Claim 17 (currently amended): Process according to claim ~~16~~ 15, including adding to the melt from 0.02 to 0.05 wt.% vanadium.

Claim 18 (currently amended): Process according to claim ~~16~~ 15, including providing an aluminum alloy melt having a magnesium content of at least 3.5 wt.%.

Claim 19 (previously presented): Process according to claim 18, including adding to the melt from 25 to 35 ppm beryllium.

Claim 20 (cancelled).

Claim 21 (currently amended): Process according to claim ~~16~~ 15, including the step of holding said melt at a temperature of 750°C.

Claim 22 (currently amended): Process according to claim ~~16~~ 15, including the step of holding said alloy melt in melt condition including said vanadium and beryllium addition for a period of time.

Claim 23 (previously presented): Process according to claim 15, which comprises: providing an aluminum casting alloy melt having the following composition:

- 2.5 to 7 wt.% magnesium,
- max 2.5 wt.% silicon,
- max 1.6 wt.% manganese,
- max 0.2 wt.% titanium,
- max 0.3 wt.% iron,
- max 0.2 wt.% cobalt,

and aluminum as the remainder, and production-induced contaminants individually max 0.05 wt.% and total max 0.15 wt.%; and adding to said melt from 0.02 to 0.08 wt.% vanadium and from 25 to 50 ppm beryllium and thereby reducing the susceptibility to dross-forming of said aluminum casting alloy melt.

Claim 24 (previously presented): Process according to claim 23, which comprises providing an aluminum die casting alloy melt.

Claim 25 (previously presented): Process for forming an aluminum alloy comprising the steps of:

providing an aluminum alloy melt having a magnesium content of at least 2.5 wt.%; and reducing the susceptibility to dross-forming of said aluminum alloy melt by adding to said melt from 0.02 to 0.08 wt.% vanadium and from 25 to 50 ppm beryllium said aluminum alloy melt consisting essentially of 2.5 to 7 wt.% magnesium, max 2.5 wt.% silicon, max 1.6 wt.% manganese, max 0.2 wt.% titanium, max 0.3 wt.% iron, max 0.2 wt.% cobalt, and aluminum as the remainder; and

holding said aluminum alloy melt for a period of time greater than 50 hours.